Amendments to the Specification:

Please replace paragraph beginning on page 7, line 3 with the following amended paragraph:

Furthermore, the present invention provides a <u>computer readable medium</u> encoded with a computer program comprising instruction for a computer-implemented method for temporal scalable moving-picture video signal coding. The method, when executed, causes the computer to execute <u>-comprising</u>-the steps of: converting an input interlaced moving-picture video signal into a progressive moving-picture video signal at the same frame rate as the interlaced moving-picture video signal; encoding the progressive moving-picture video signal to produce a first bitstream; encoding fields of the interlaced moving-picture video signal, the fields being different in time from frames of the progressive moving-picture video signal, with inter-picture prediction using a locally decoded picture signal as a reference video signal, the locally decoded picture signal being produced by locally decoding the progressive moving-picture video signal, thus producing a second bitstream; and multiplexing the first and second bitstreams into an output temporal scalable moving-picture video bitstream.

Please replace paragraph beginning on page 7, line 20 with the following amended paragraph:

Still furthermore, the present invention provides a <u>computer readable medium</u> <u>encoded with a computer program comprising instruction for a computer-implemented</u> method for temporal scalable moving-picture video signal decoding. The method, when <u>executed</u>, causes the <u>computer to execute -comprising</u> the steps of: demultiplexing a bitstream produced by temporal scalable moving-picture coding into a first bitstream and a second bitstream, the first bitstream having been produced by encoding a progressive moving-picture video signal at the same frame rate as an interlaced moving-picture video signal to be reproduced, the second bitstream having been produced by encoding- fields of the interlaced moving-picture video signal, the fields being different in time from

Appl. No. 10/693,942 Reply to Office Action of February 28, 2007

frames of the progressive moving-picture video signal; decoding the first bitstream to reproduce a progressive moving-picture video signal into a first field video signal having either even-or odd-number fields of the interlaced moving-picture video signal; decoding the second bitstream with inter-picture prediction using the reproduced progressive moving-picture video signal as a reference video signal, thus producing a second field video signal having fields of the interlaced moving-picture video signal, the fields of the second field video signal being different in parity from the fields of the first field video signal; and switching the first field video signal and the second, field video signal to output the interlaced moving-picture video signal.